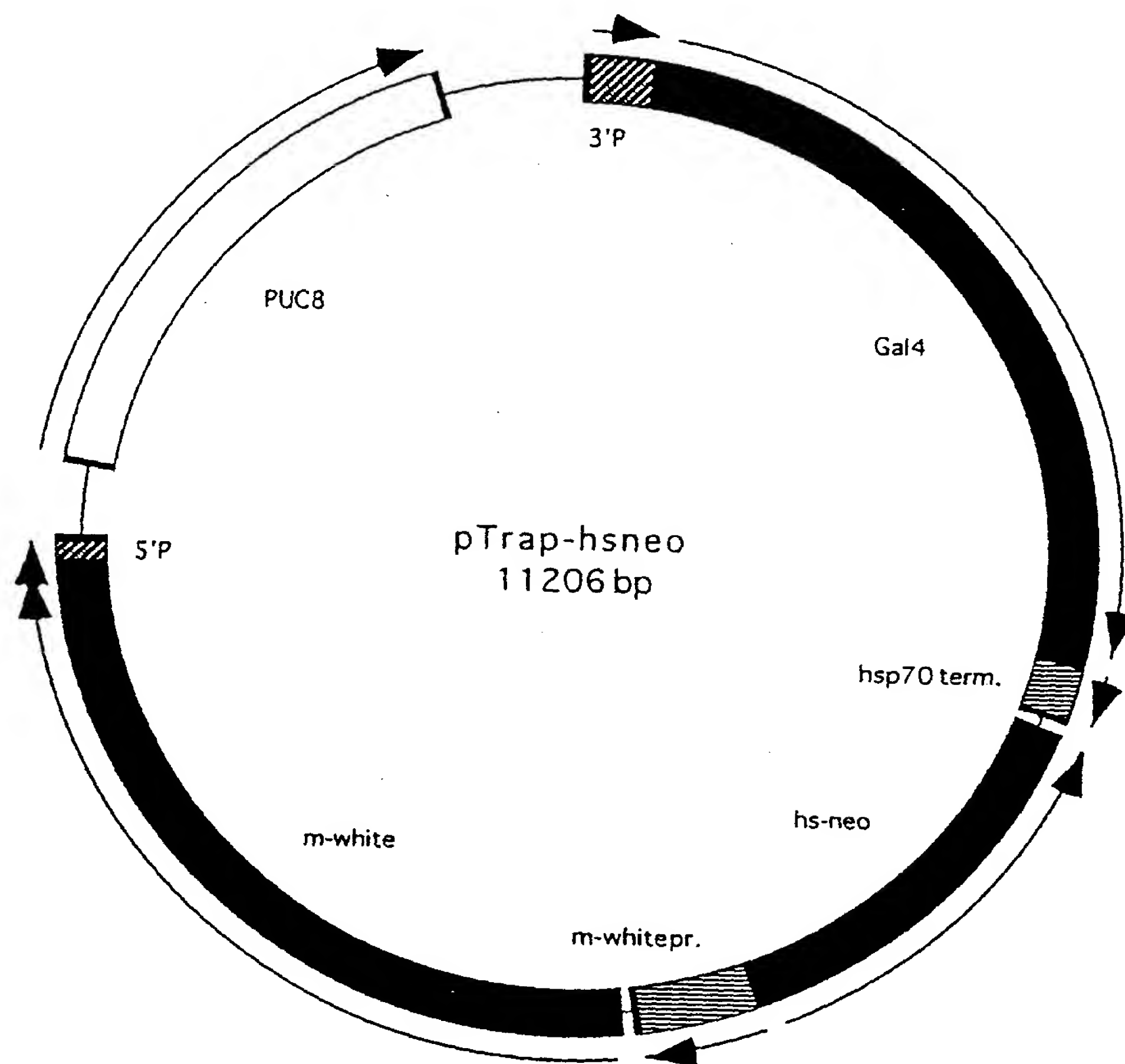


1/7

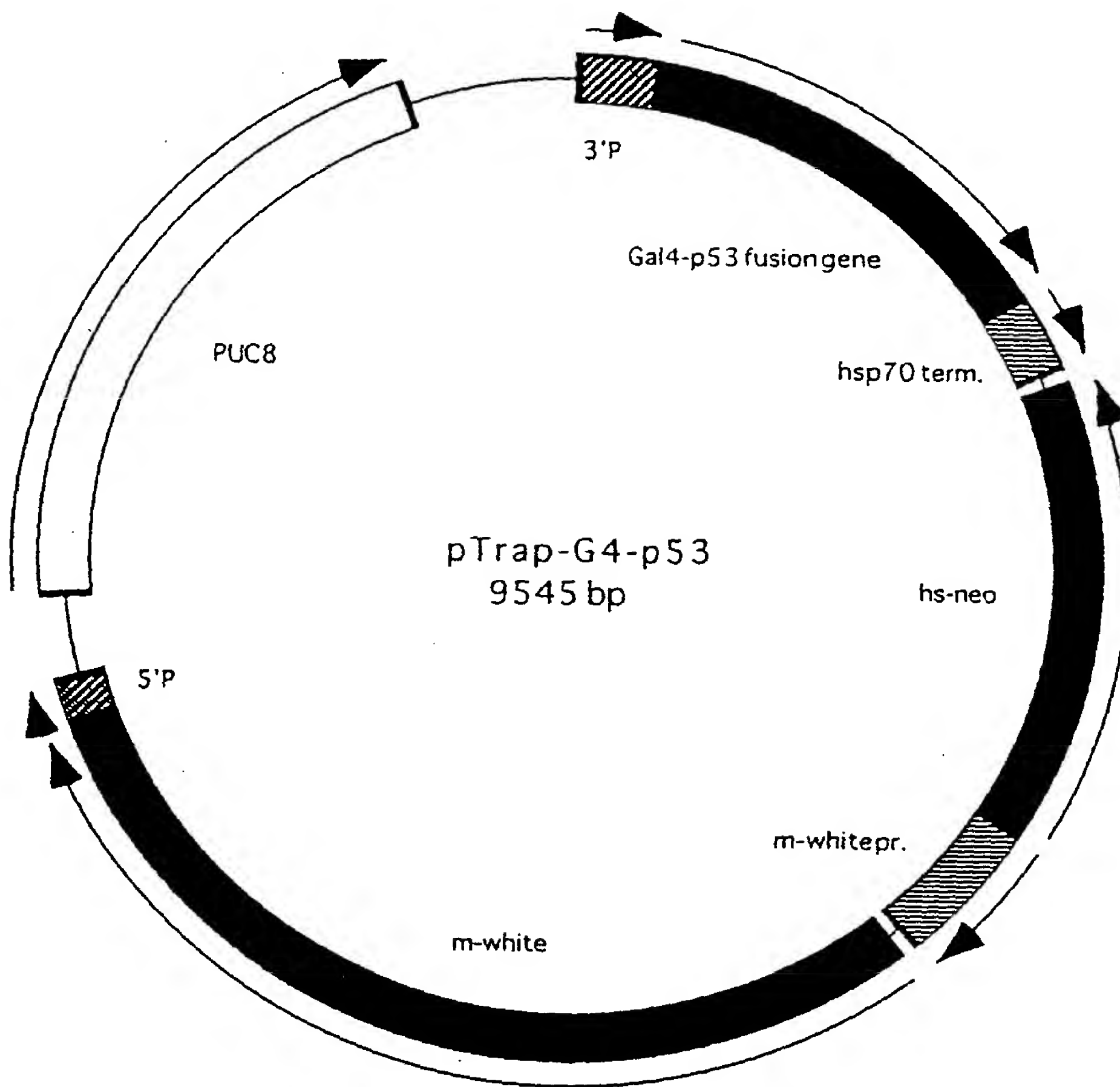
Fig. 1



09/700843

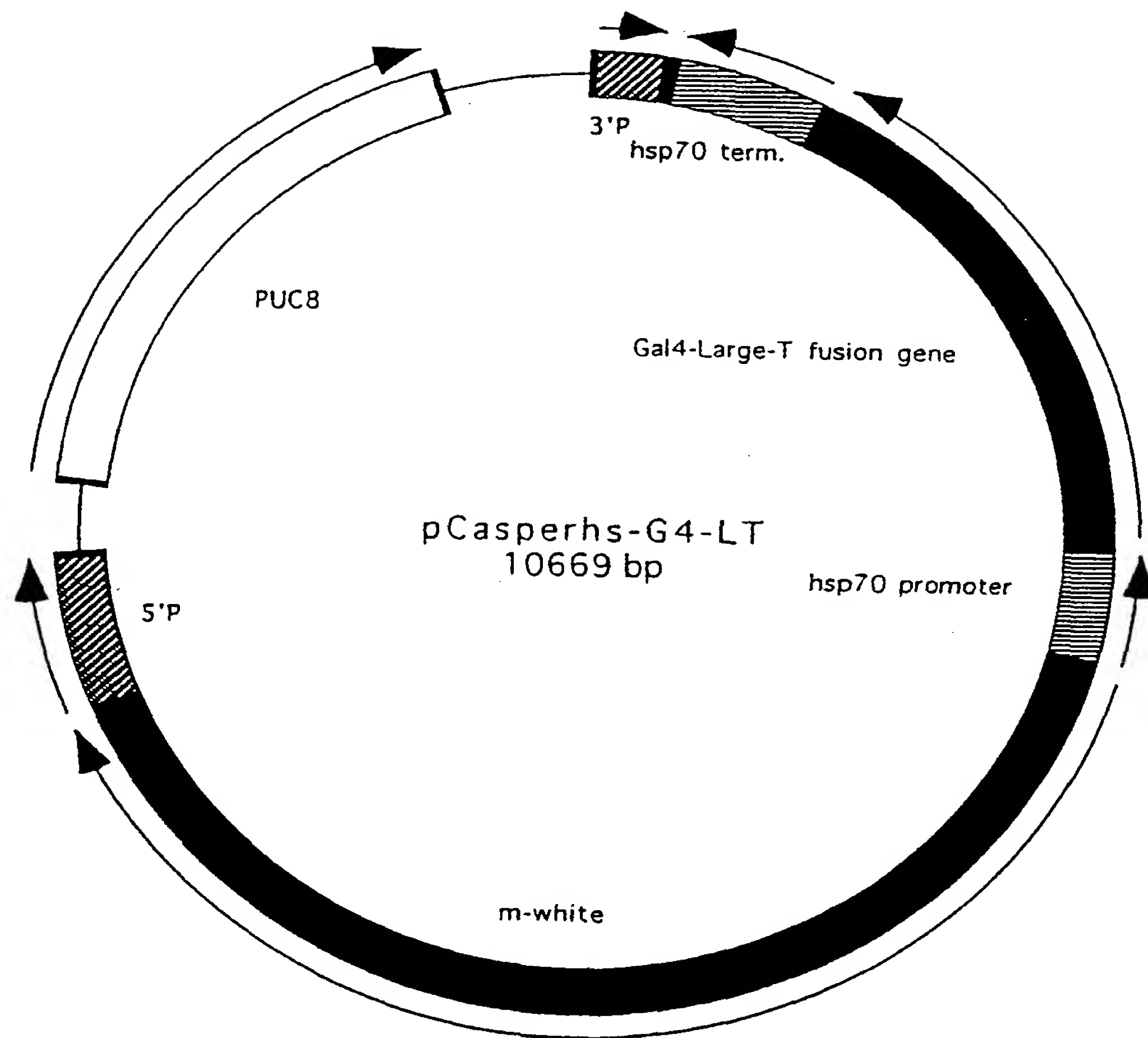
2/7

Fig. 2



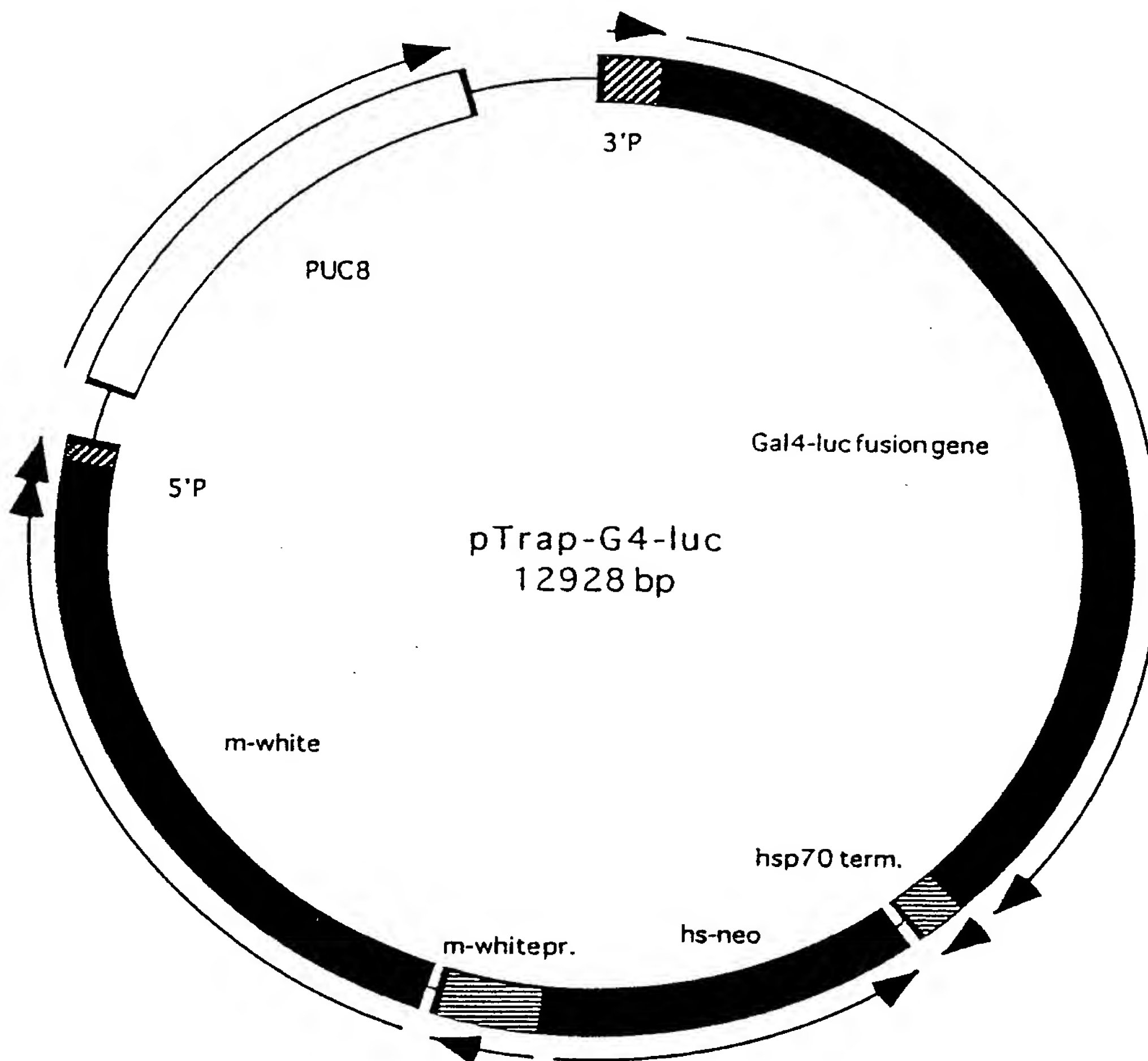
3/7

Fig. 3



4/7

Fig. 4



P02020-21800260

5/7

Fig. 5

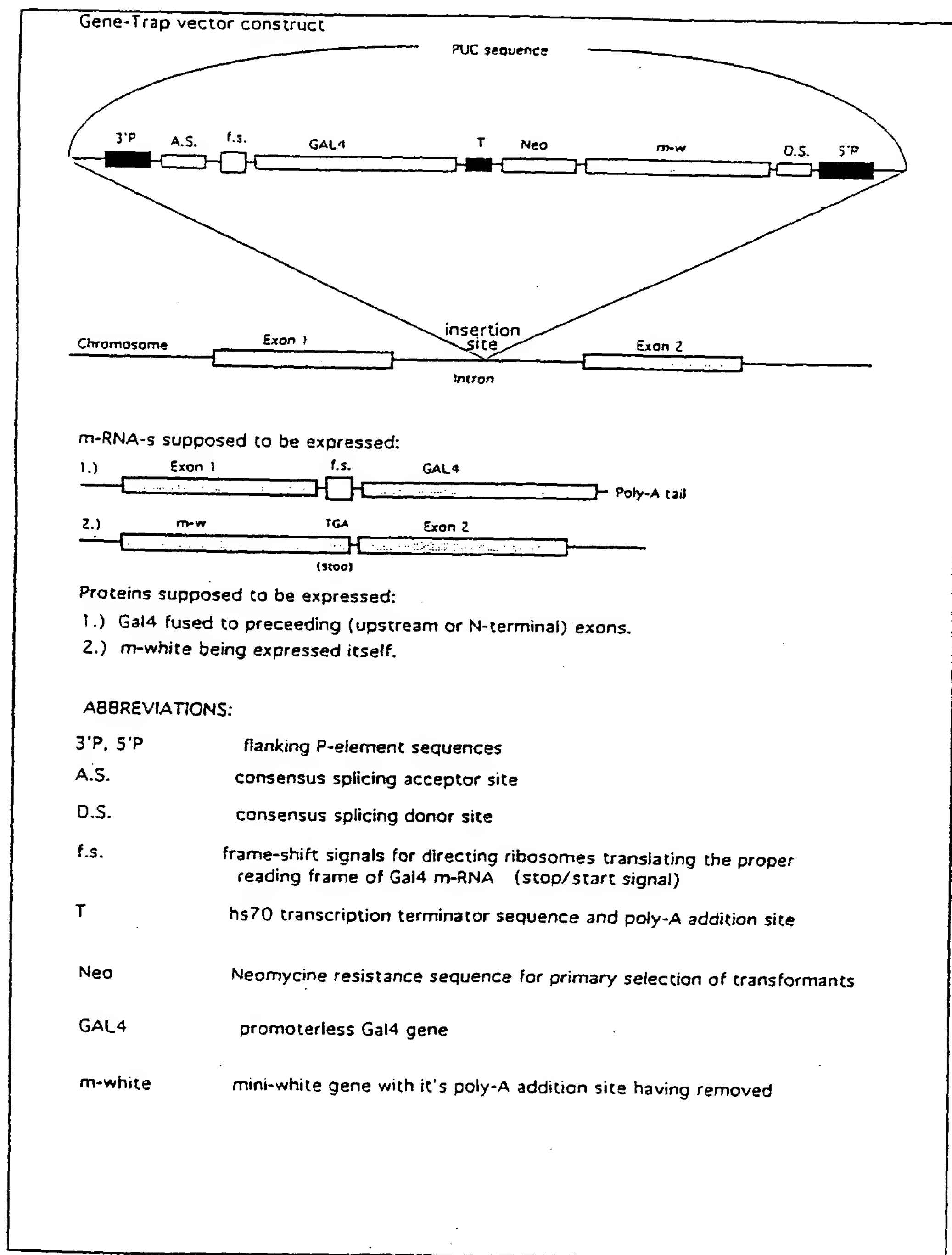


Fig. 6

Precise splicing of Gal4 and mini-white genes from Gene Trap vector
into anterior open gene

5'P end of vector; splice acceptor site; stop-start seq.; Gals gene.....mini-white gene/splice donor site; 3'P end of GT vector

anterior open cDNA exon 1 exon 2
cagtagcgtaacacacagtcacacgtggagcaaacag/atacacgcgctaaagcaattccagtggtctccac

anterior open exon 1 - Gal4 fusion cDNA

mini-white - anterior open exon 2 fusion cDNA

09/700843

PCT/JP99/02683

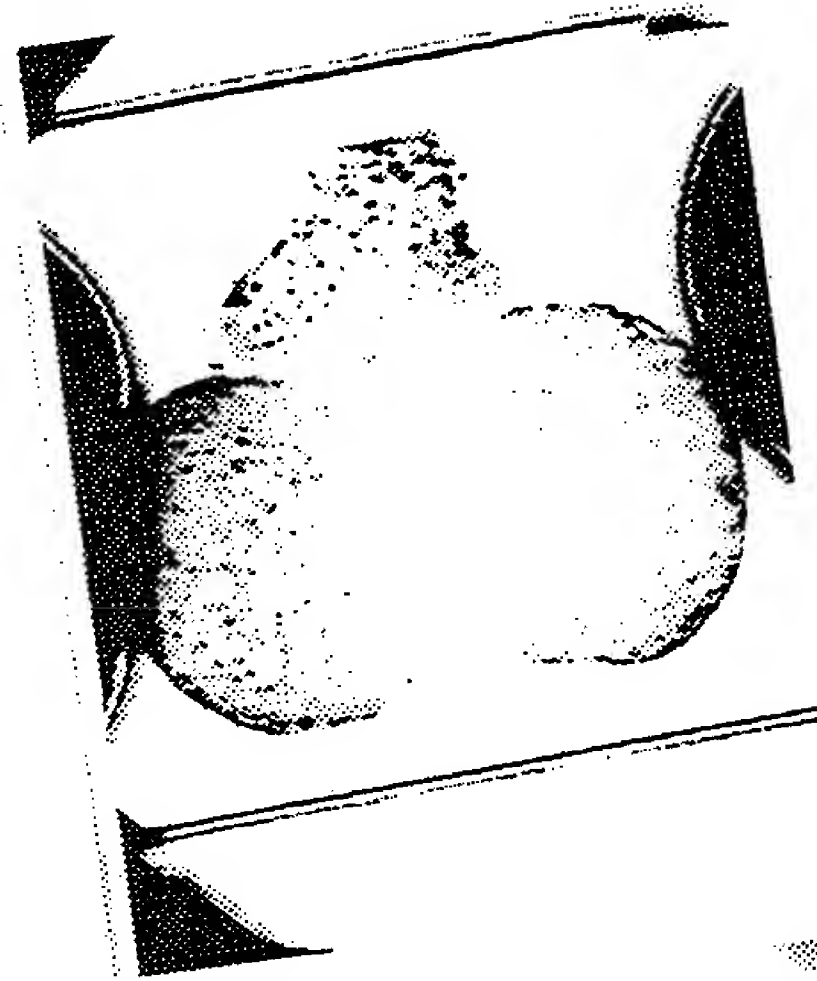
WO 99/61604

7/7

Fig. 7

Gal4 expression patterns revealed by UAS-lacZ reporter construct.

C



line 6 larval brain

B



line 49 larval brain

A



line 77 adult brain